



***CPS Resource Manager***  
***Operation Guide***



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# Documentation Information

This section describes the conventions and revision history of this document.

## Documentation Conventions

### Icon Conventions

| Icon                                                                                             | Description                                                      |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
|  <b>Tip</b>     | Information that helps you make better use of your product.      |
|  <b>Note</b>    | References that further describes the related topics.            |
|  <b>Caution</b> | Situations that could cause data loss or equipment damage.       |
|  <b>Warning</b> | Situations that could cause minor personal injury.               |
|  <b>Danger</b>  | Situations that could cause major personal injury or even death. |

### Notation Conventions

| Notation    | Description                                                                                                                                            |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| “ ”         | The quotation marks enclose the name of a software interface element. For example, click “OK”.                                                         |
| <b>Bold</b> | The text in boldface denotes the name of a hardware button. For example, press the <b>PTT</b> key.                                                     |
| ->          | The symbol directs you to access a multi-level menu. For example, to select “New” from the “File” menu, we will describe it as follows: “File -> New”. |

### Revision History

| Version | Release Date | Description     |
|---------|--------------|-----------------|
| R1.0    | 2016-10      | Initial release |

# 1. Software Introduction

The CPS Resource Manager is a tool for adding languages to the CPS (Customer Programming Software). Currently, UI language of the CPS only supports English. You can use the tool to load its source language file and translate it into the other language, so as to improve the programming efficiency.

The CPS R8.0 or above supports the CPS Resource Manager.

## 2. Before You Start

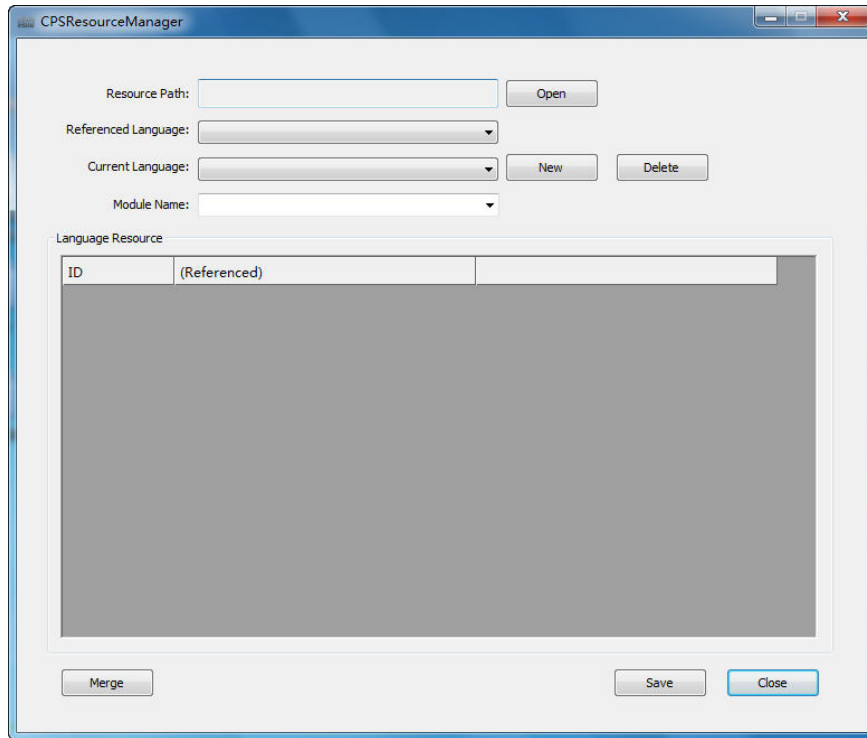
Please prepare the following items before you start.

| Item                 | Description                                                                             |
|----------------------|-----------------------------------------------------------------------------------------|
| PC                   | Operating system Windows 7/8/8.1/10 of 32/64 bit.<br>Windows 7 is taken as the example. |
| CPS                  | R8.0 or above. It has been successfully installed on PC.                                |
| CPS Resource Manager | The application is in the installation path of the CPS.                                 |
| Radio                | Used to set the UI language of the CPS.                                                 |

## 3. Operations

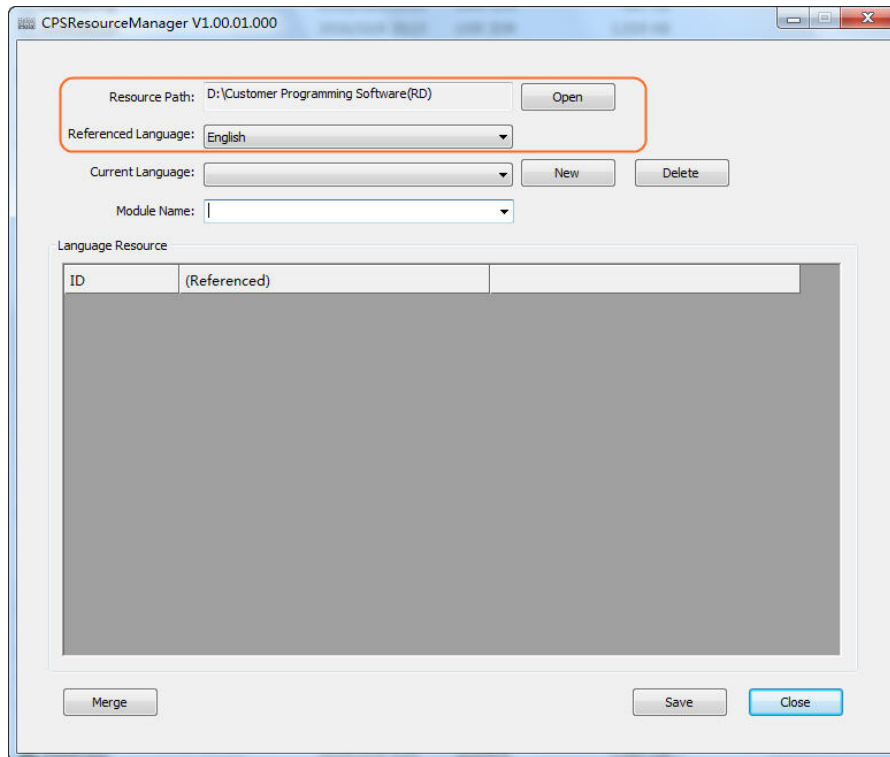
### 3.1 Load the Language File

**Step 1** Run the CPS Resource Manager.



**Step 2** Click “Open”, choose the installation path of the CPS in the pop-up window, and then click “OK”.

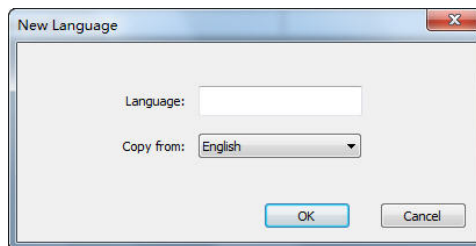
After the language file is successfully loaded, CPS installation path is shown in “Resource Path” and the language of the file in “Referenced Language”. See the figure below.



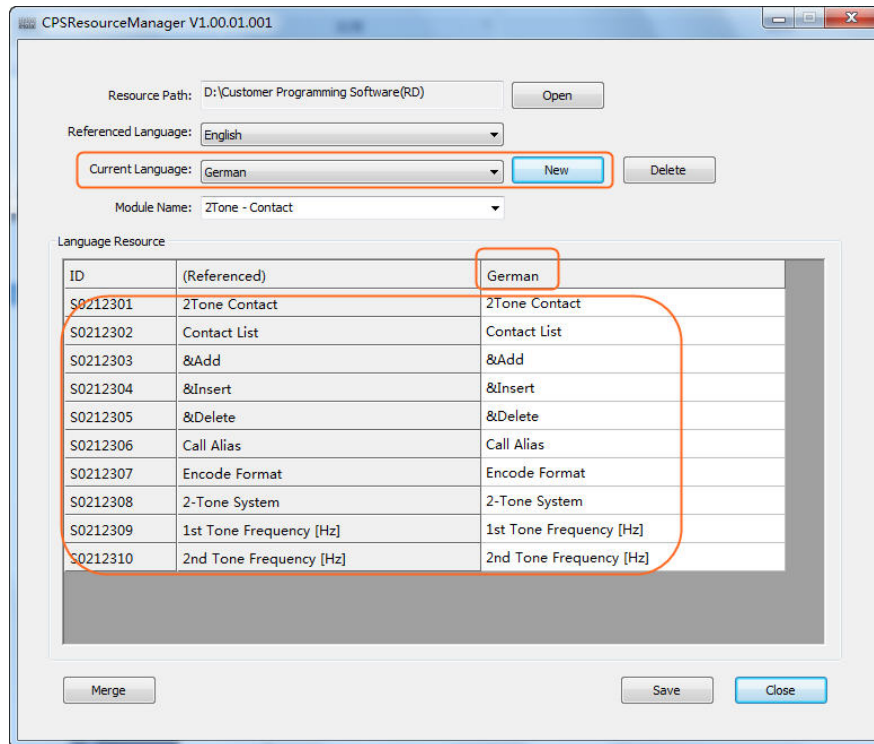
## 3.2 Translate the Language File

### Step 1 Set the target language

1. Click “New” on main interface of the CPS Resource Manager.



2. Enter target language in the “Language” textbox (e.g. “German”).
3. Select language of the source file (e.g. English) from the drop-down list of “Copy from”.
4. Click “OK”.



### Caution

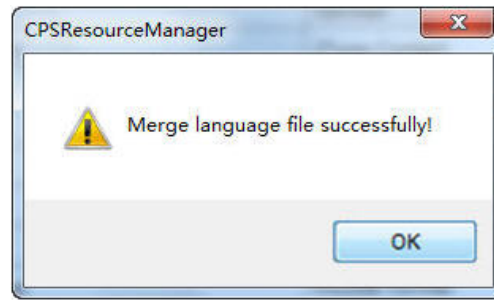
The “Delete” operation will delete your translated language file. If deleted, you need to re-translate the source language file.

## Step 2 (Optional) Merge the language files.

### Note

The operation is necessary only after CPS is updated. If no update, please skip this step. This step is to add the new strings from higher version CPS to the lower one. To be exact, after the CPS is updated, you can update the translated file by merging, and then translate those newly added strings.

1. Copy the translated file (e.g. German) from the lower version CPS to the installation path of the higher version one.
2. Click “Open” on the main interface of the CPS Resource Manager, choose the installation path of the higher version CPS in the pop-up window, and then click “OK”.
3. Select “English” from the drop-down list of “Reference Language”.
4. Select language of the translated file from the drop-down list of “Current Language”, e.g. German.
5. Click “Merge” on the bottom left corner of the CPS Resource Manager.



6. Click "OK".

The newly added strings are displayed in English.



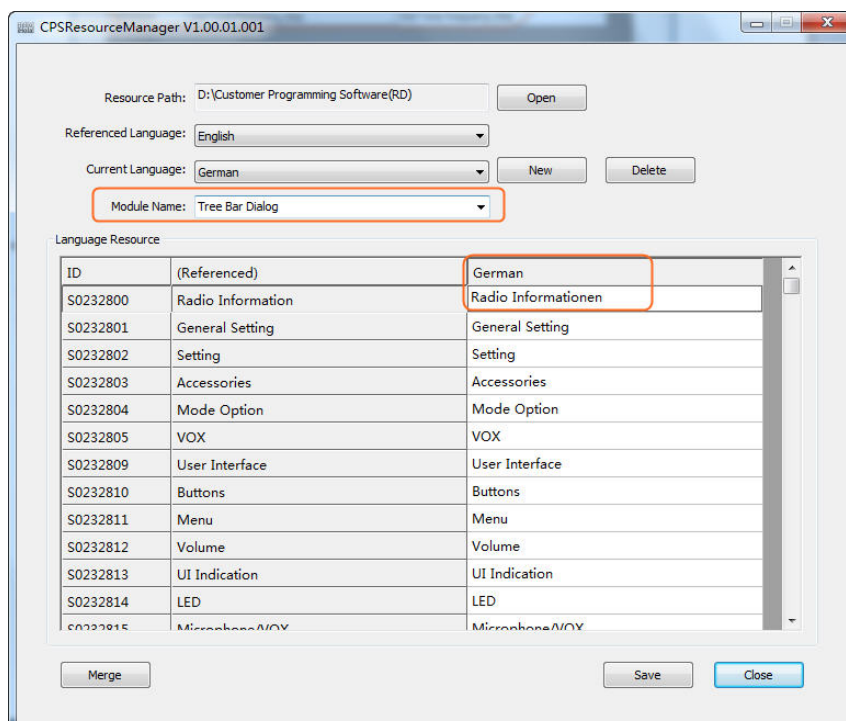
### Note

You can quickly find out the newly added strings by selecting the corresponding module of CPS from the drop-down list of "Module Name".

### Step 3 Translate the language file.

Translate the strings in the column of " (Referenced) ". "Radio Information" is taken as the example.

1. Select "Tree Bar Dialog" from the drop-down list of "Module Name", and find out the string "Radio Information".
2. Enter "Radio Informationen" in the column of "German". See the figure below.



### Caution

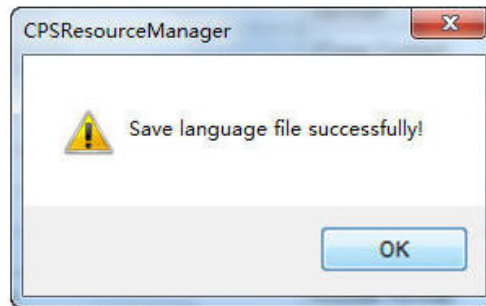
- Please keep the strings starting with "%", such as "%d", "%s", "%X" etc.; otherwise

error may occur in the CPS.

- The parameters' content cannot be edited because once any format error is on the strings, the CPS may be unable to work well, and even the radio may get affected.
- Some words in the CPS cannot be edited, e.g. "DMR Trunking" etc.

**Step 4** Save the translated file.

1. Click "Save" on the bottom right corner of the CPS Resource Manager.



2. Click "OK" to create the new language file in lng format.

The translated file is named after the target language, and saved in the installation path of the CPS.

### 3.3 Set UI language of the CPS

After the above steps, please do as follows to set the UI language of the CPS.

**Step 1** Connect the radio with the PC, and turn on the radio.

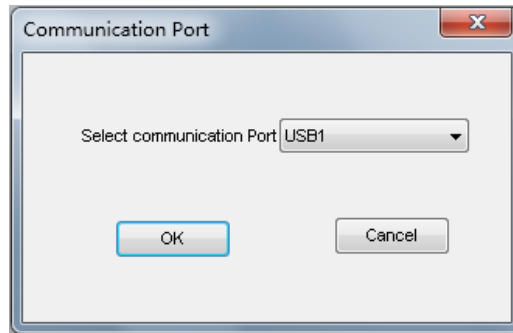
 **Caution**

During the configuration, do not disconnect the radio and the PC, otherwise, data loss or radio damage may occur.

**Step 2** Run the CPS.

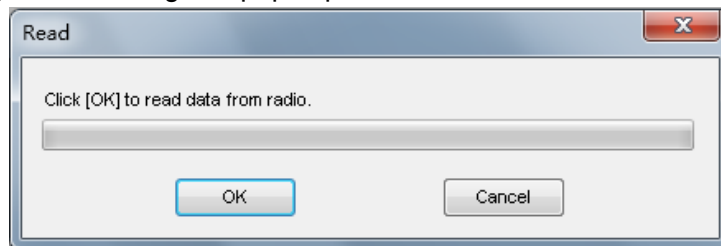
**Step 3** Select "Program -> Read from Radio" or click  in the main interface.

The following "Communication Port" dialogue box pops up.



**Step 4** Select the corresponding USB port for the radio, e.g. USB1, and click "OK".

The following "Read" dialog box pops up.

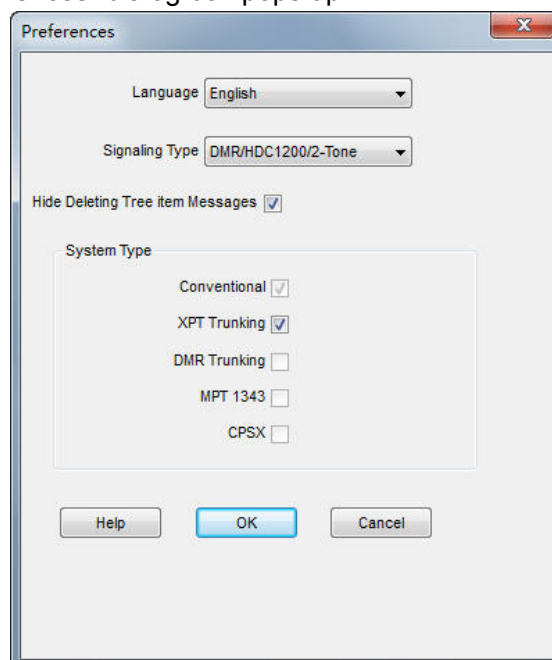


**Step 5** Click "OK" to read data from the radio.

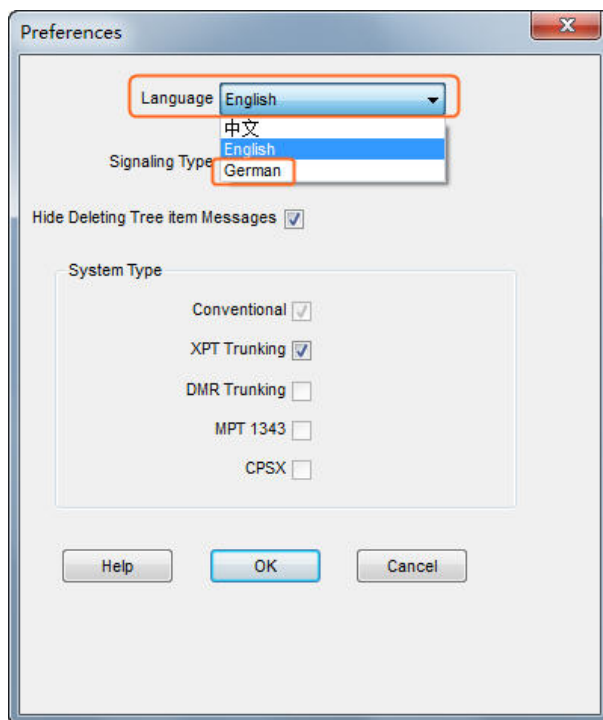
After the successful reading, radio model No. appears on the top left corner of CPS main interface.

**Step 6** Select "Option -> Preferences" on the tool bar of the CPS.

The following "Preferences" dialog box pops up.

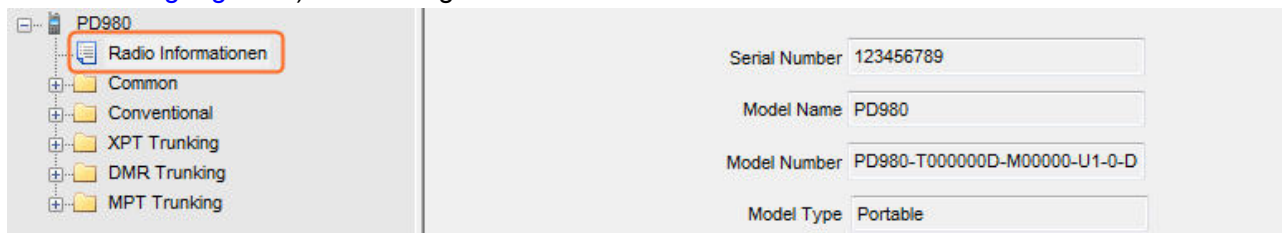


**Step 7** Select the added language (e.g. German) from the down-drop list of "Language".



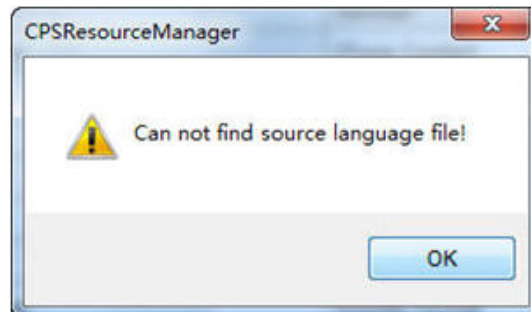
**Step 8** Click “OK”.

“Radio Information” switches to “Radio Informationen” ([Step 3 of 3.2 Compile and Translate the Language File](#)). See the figure as follow.



## 4. FAQ

**Q: Why does the window “Can not find source language file!” appear when loading the file?**



**A:** Wrong path or sub-folder of the CPS is selected.

E.g. The CPS is installed under D:\Customer Programming Software (RD). When loading the language file, you must choose D:\Customer Programming Software (RD). If a wrong path or sub-folder of the CPS is selected, the window “Can not find source language file!” appears to inform the loading failure.



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